

PENNIE & EDMONDS LLP DOCKET NO.  
MATHYS & SQUIRE DOCKET NO.

DECLARATION AND POWER OF ATTORNEY  
(UNASSIGNED NONPROVISIONAL APPLICATION)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below at 201 et seq. underneath my name.

I believe I am the original, first and sole inventor if only one name is listed at 201 below, or an original, first and joint inventor if plural names are listed at 201 et seq. below, of the subject matter which is claimed and for which a patent is sought on the invention entitled

**MULTIBAND ANTENNA**

and for which a patent application:

is attached hereto and includes amendment(s) filed on  
 was filed in the United States on 12/06/00 as Application No. 10/018,324  
 with amendment(s) filed on  
 was filed as PCT international Application No. PCT/GB00/02274 12/06/00 and was amended under PCT Article 19 on

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

EARLIEST FOREIGN APPLICATION(S), IF ANY, FILED PRIOR TO THE FILING DATE OF THE APPLICATION			
APPLICATION NUMBER	COUNTRY	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
9913526.1	United Kingdom	10/06/99	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
			YES <input type="checkbox"/> NO <input type="checkbox"/>

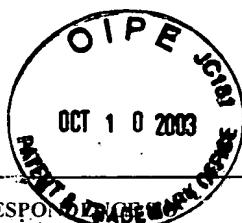
I hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below.

APPLICATION NUMBER	FILING DATE

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

APPLICATION SERIAL NO.	FILING DATE	STATUS		
		PATENTED	PENDING	ABANDONED

POWER OF ATTORNEY: As a named inventor, I hereby appoint Berj A. Terzian (Reg. No. 20060), David Weild, III (Reg. No. 21094), Jonathan A. Marshall (Reg. No. 24614), Barry D. Rein (Reg. No. 22411), Stanton T. Lawrence, III (Reg. No. 25736), Charles E. McKenney (Reg. No. 22795), Philip T. Shannon (Reg. No. 24278), Francis E. Morris (Reg. No. 24615), Charles E. Miller (Reg. No. 24576), Gidon D. Stern (Reg. No. 27469), John J. Lauter, Jr. (Reg. No. 27814), Brian M. Poissant (Reg. No. 28462), Brian D. Coggio (Reg. No. 27624), Rory J. Radding (Reg. No. 28749), Stephen J. Harbulak (Reg. No. 29166), Donald J. Goodell (Reg. No. 19766), Thomas E. Friebel (Reg. No. 29258), Laura A. Coruzzi (Reg. No. 30742), Jennifer Gordon (Reg. No. 30753), Geraldine F. Baldwin (Reg. No. 31232), Victor N. Balancia (Reg. No. 31231), Samuel B. Abrams (Reg. No. 30605), Steven I. Wallach (Reg. No. 35402), Marcia H. Sundeen (Reg. No. 30893), Paul J. Zegger (Reg. No. 33821), Edmond R. Bannon (Reg. No. 32110), Bruce J. Barker (Reg. No. 33291), Adriane M. Antler (Reg. No. 32605), Thomas G. Rowan (Reg. No. 34419), James G. Markey (Reg. No. 31636), Thomas D. Kohler (Reg. No. 32797), Scott D. Stimpson (Reg. No. 33607), Gary S. Williams (Reg. No. 31066), Ann L. Gisolfi (Reg. No. 31956), Todd A. Wagner (Reg. No. 35399), Scott B. Familant (Reg. No. 35514), Kelly D. Talcott (Reg. No. 39582), Francis D. Cerrito (Reg. No. 38100), Anthony M. Insogna (Reg. No. 35203), Brian M. Rothery (Reg. No. 35340), Brian D. Siff (Reg. No. 35679), Michael J. Lyons (Reg. No. 37386), Garland T. Stephens (Reg. No. 37242), William J. Sipio (Reg. No. 34514), Nikolaos C. George (Reg. No. 39201), Stephen S. Rabinowitz (Reg. No. 40286), Ognjan V. Shentov (Reg. No. 38051), and Kenneth L. Stein (Reg. No. 38704), all of Pennie & Edmonds LLP, whose addresses are 1155 Avenue of the Americas, New York, New York 10036, 1667 K Street N.W., Washington, DC 20006 and 3300 Hillview Avenue, Palo Alto, CA 94304, and each of them, my attorneys, to prosecute this application, and to transact all business in the Patent and Trademark Office connected therewith.



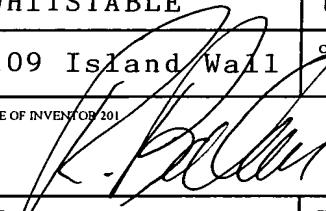
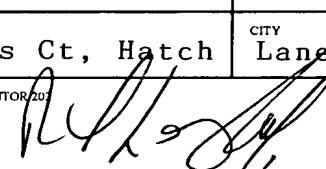
PENNIE & EDMONDS LLP DOCKET NO.  
MATHYS & SQUIRE DOCKET NO.

SEND CORRESPONDENCE TO:

PENNIE & EDMONDS LLP  
1155 Avenue of the Americas  
New York, N.Y. 10036-2711  
PTO Customer No. 20583

DIRECT TELEPHONE CALLS TO:  
PENNIE & EDMONDS LLP DOCKETING  
(212) 790-2803

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

201	FULL NAME OF INVENTOR	LAST NAME BREDEN	FIRST NAME RICHARD	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY WHITSTABLE	STATE OR FOREIGN COUNTRY UNITED KINGDOM	COUNTRY OF CITIZENSHIP UNITED KINGDOM	
	POST OFFICE ADDRESS	STREET 109 Island Wall	CITY Whitstable	STATE OR COUNTRY Kent, UK	ZIP CODE CT5 1DY
SIGNATURE OF INVENTOR 201 			DATE 10-9-03		
202	FULL NAME OF INVENTOR	LAST NAME LANGLEY	FIRST NAME RICHARD	MIDDLE NAME JONATHAN	
	RESIDENCE & CITIZENSHIP	CITY CANTERBURY	STATE OR FOREIGN COUNTRY UNITED KINGDOM	COUNTRY OF CITIZENSHIP UNITED KINGDOM	
	POST OFFICE ADDRESS	STREET Sayes Ct, Hatch	CITY Lane, Canterbury,	STATE OR COUNTRY Kent, UK	ZIP CODE CT4 7LP
SIGNATURE OF INVENTOR 202 			DATE 11/9/03		
203	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY 2000-10-23	ZIP CODE RECEIVED
SIGNATURE OF INVENTOR 203			DATE OCT 23 2003		
204	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY 2000-10-23	ZIP CODE RECEIVED
SIGNATURE OF INVENTOR 204			DATE		
205	FULL NAME OF INVENTOR	LAST NAME	FIRST NAME	MIDDLE NAME	
	RESIDENCE & CITIZENSHIP	CITY	STATE OR FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP	
	POST OFFICE ADDRESS	STREET	CITY	STATE OR COUNTRY 2000-10-23	ZIP CODE RECEIVED
SIGNATURE OF INVENTOR 205			DATE		



10-14-03

Express Mail No.: EV335857106US 2821

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Richard Jonathan **LANGLEY**

Confirmation No.: 4617

Application No.: 10/018,324

Group Art Unit: 2821

Filed: March 29, 2002

Examiner: Clinger, James C.

For: MULTIBAND ANTENNA

Attorney Docket No.: 10681-006

**REQUEST FOR CORRECTION  
OF INVENTORSHIP UNDER 37 C.F.R. § 1.48(a)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

SIR:

It is respectfully requested that above-identified application be amended pursuant to 37 C.F.R. § 1.48(a) to name the correct inventors. It has recently come to the attention of attorneys for Applicants that the invention presently claimed in the above-identified application was jointly invented by Richard Langley and Richard Breden. Since the application as filed listed only Richard Langley, the amendment will add Richard Breden as a co-inventor.

In support of this Request and in accordance with 37 C.F.R. § 1.48(a), attached hereto are:

- (a) a Statement By Inventor To Be Added Pursuant To 37 C.F.R. § 1.48(a)(2) executed by Richard Breden;
- (b) a Supplemental Declaration and Power of Attorney executed by Richard Langley and Richard Breden; and

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(c) a Consent By Assignee to Correction of Inventorship Pursuant To 37 C.F.R. § 1.48(a)(5) executed by an authorized officer of Harada Industries (Europe) Limited.

An Assignment from Richard Breden to Harada Industries (Europe) Limited is being filed concurrently with this Request.

A fee of \$130.00 is believed to be due pursuant to 37 C.F.R. § 1.17(i).

Please charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150. A copy of this request is enclosed.

Respectfully submitted,

  
\_\_\_\_\_  
Brian D. Siff 35,679  
(Reg. No.)

**PENNIE & EDMONDS LLP**  
1155 Avenue of the Americas  
New York, New York 10036-2711  
(212) 790-9090

Date: October 10, 2003

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of: Richard Jonathan **ANGLEY**

Confirmation No.: 4617

Application No.: 10/018,324

Group Art Unit: 2821

Filed: March 29, 2002

Examiner: Clinger, James C.

For: **MULTIBAND ANTENNA**

Attorney Docket No.: 10681-006

**CONSENT BY ASSIGNEE FOR CORRECTION  
OF INVENTORSHIP UNDER 37 C.F.R. § 1.48(a)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

SIR:

Pursuant To 37 C.F.R. § 1.48(a)(5), Harada Industries (Europe) Limited (“Harada”), assignee of the entire right, title, and interest in the invention in U.S. Patent Application No. 10/018,324, filed March 29, 2002, and entitled **MULTIBAND ANTENNA**, hereby consents to amendment of the application to name the following actual inventors: Richard Langley and Richard Breden.

Inventor Richard Langley assigned his rights in the above-identified invention and application to Harada in an assignment recorded in the Office with a recordation date of June 25, 2002 at Reel 013504, Frame 0317.

The undersigned is an authorized officer empowered to act on behalf of Harada.

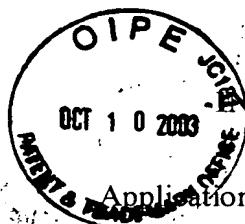
On behalf of Harada Industries (Europe) Limited,

Date 12/9/03

AK EZAKI  
Signature

Printed Name: AKIRA EZAKI

Title: GENERAL MANAGER



THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Richard Jonathan LANGLEY

Confirmation No.: 4617

Application No.: 10/018,324

Group Art Unit: 2821

Filed: March 29, 2002

Examiner: Clinger, James C.

For: MULTIBAND ANTENNA

Attorney Docket No.: 10681-006

**STATEMENT BY INVENTOR TO BE ADDED  
PURSUANT TO 37 C.F.R. § 1.48(a)(2)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

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SIR:

Pursuant To 37 C.F.R. § 1.48(a)(2), I, Richard Breden, state the following:

I have reviewed and understand the content of the Request for Correction of Inventorship Under 37 C.F.R. § 1.48 submitted herewith to amend the above-identified application to correctly name all of the inventors. The inventorship error occurred without deceptive intention on my part.

Date 10-9-03



Richard Breden